



# MSDS - MATERIAL SAFETY DATA SHEET



## 1 - PRODUCT AND COMPANY IDENTIFICATION

1.1	Trade Name	Smart Fabric
1.2	Application	Conductive - RF Blocker - Antibacterial - Anti Corrosive Fabric
1.3	Producer	Universal Nanoteknoloji Metal Madencilik İthalat İhracat Sanayi Ticaret Anonim Şirketi
1.4	Company Registration	8920750449

## 2 - COMPOSITION & INFORMATION OF INGREDIENTS

2.1	Fibre Composition	30% Cotton 70% Polyester
2.2	Weight	300g/m2

## 3 - PHYSICAL PROPERTIES

3.1	Fabric Width	120cms
3.2	Roll Length	100mts
3.2	HS Code	854449950000
3.4	Appearance and Odor	Odorless
3.5	Fabric Characteristics	Flame retardant to TS EN ISO 6941/FEB 2007
		RF Blocker EMI shielding of -33 ~ -36 dB
		Water repellent to TS EN ISO 6941/FEB 2007
		Breathability standard to ASTM D 737
		Antibacterial
		Mildew resistant
		Anti Corrosive against strong oxidizing agents, strong alkalis and hydrofluoric acid.

## 4 - HAZARDOUS IDENTIFICATION

4.1	Hazard Statement	Under Regulation 1907/2006 REACH Safety Data Sheets are only required for hazardous substances and mixtures/preparations; Universal Nanoteknoloji is not therefore legally obliged to supply Safety Data Sheets for its woven products. Despite this Universal Nanoteknoloji has decided to provide its customers with information regarding the safe use and handling of the products listed above by means of this Material Safety Data Sheet
4.2	Chemical and Synonyms quantities greater than 0.1%	N/A
4.3	Explosion Hazard	None - Not classified as a dangerous product

## 5 - FIRST AID MEASURES

5.1	First Aid Action	N/A
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## 6 - FIREFIGHTING MEASURES

6.1	Suitable extinguishing Media	Product is not combustible - Use extinguishing agent suitable for type for surrounding combustible materials.
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## 7 - ACCIDENTAL RELEASE MEASURES

7.1	Release Action	N/A
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## 8 - HANDLING AND STORAGE

8.1	Handling	This product does not contain any hazardous materials with occupational exposure limits. Cutting through the material may release small amounts of airborne fibre which are mechanically irritant to skin, eyes and upper respiratory system. Safe Inhalation of dust from production and sewing Cotton dust standard ( 29 CFR 1910.1043 ) local dust exhaust ventilation should be used to keeps exposures below the PEL during garment and protective cover production of this product.
8.2	Storage	Store dry and keep original wrapping until required for use. The performance and characteristics of the product are not compromised with expiration dates

## 9 - EXPOSURE CONTROLS & PERSONAL PROTECTION

9.1	Occupational exposure	This product does not contain any hazardous materials with occupational exposure limits.
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## 10 - STABILITY AND REACTIVITY

10.1	Stability/Conditions to avoid	Stable
10.2	Reactivity	N/A Anti Corrosive against strong oxidizing agents, strong alkalis and hydrofluoric acid.
10.3	Hazardous Decomposition	N/A
10.4	Special Precautions	N/A

## 11 - TOXICOLOGICAL INFORMATION

11.1	Inhalation	N/A
11.2	Skin Contact	N/A
11.3	Eye Contact	N/A

## 12 - ECOLOGICAL INFORMATION

12.1	Enviromental Impact	This product will remain stable over time with the inorganic components remaining inert.
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## 13 - DISPOSAL CONSIDERATIONS

13.1	Disposal Method	Waste is not classified as a hazardous waste and may be disposed of at a normal licensed industrial waste site. Local regulations should be considered. Waste should be bagged or suitably contained for disposal.
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## 14 - TRANSPORT INFORMATION

14.1	ADR/RID	Not a dangerous load
14.2	IMDG	Not a dangerous load
14.3	ICAO	Not a dangerous load
14.4	UN-NO	Not a dangerous load

## 15 - REGULATORY INFORMATION

15.1	Non Regulated	N/A
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## 16 - OTHER INFORMATION

The information contained in this safety data sheet is given in good faith. It is accurate to the best of our knowledge and belief and represents the most up to date information. The information given in this data sheet does not constitute or replace the user's own assessment of workplace risk as required health and safety legislation.